

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-8 (canceled).

9. (Currently Amended) A method for dismounting plugs from a printed circuit board, ~~wherein each of the plugs comprises a main body and a wire exit extending approximately 45 degrees from the main body~~, the method comprising:

rotating a plurality of first plugs in a two dimensional array so each first plug's wire exit does not interfere with a second plug in the two dimensional array; and

unplugging the second plug from the printed circuit board without affecting any of the first plugs;

wherein each of the plugs comprises a main body and a wire exit extending approximately 45 degrees from the main body.

Claims 10-11 (canceled).

12. (Previously Amended) The method of claim 9, further comprising: rotating a third plug so its wire exit does not interfere with a fourth plug yet to be plugged in; and plugging in the fourth plug on the printed circuit board.

13. (Previously Amended) A connector assembly, comprising:
a printed circuit board;

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a plurality of identical straight jacks mounted to the printed circuit in at least one row and at least one column;

a plurality of identical angled plugs mounted to said plurality of straight jacks to form a two dimensional array, each of the angled plugs comprising:

a tubular main body along a first axis, the main body comprising a chamfered end surface and a snap-on coupling mechanism for connecting the plug to a jack;

a tubular wire exit extending from the main body along a second axis, the second axis being parallel to the chamfered end surface and approximately at a selected angle from the first axis, the tubular wire exit having a second diameter C that is a smaller percentage of a pitch P than a first diameter B of the tubular main body, wherein pitch P is smaller of a pitch P_x along the row and a pitch P_y along the column;

wherein each of the angled plugs can independently rotate without interfering with other angled plugs in the two dimensional array.

14. (Original) The connector assembly of claim 13 wherein the selected angle is approximately forty five degrees (45°).

Please add the following new claims.

15. (Original) The angled plug of Claim 13, wherein the plug conforms to SMB.

16. (Original) The connector assembly of Claim 13, wherein:
the first diameter B is at most 89 percent of pitch P.

17. (Original) The connector assembly of Claim 16, wherein:

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the second diameter C is at most 59 percent of pitch P.

18. (Original) The connector assembly of Claim 13 wherein the selected angle is between 25° and 75°.

19. (Original) The connector assembly of Claim 13 wherein the selected angle is 45°.

20. (Original) The connector assembly of Claim 13 wherein the two dimensional array has equally spaced rows and columns.

21. (Original) A method for mounting and dismounting plugs to and from a printed circuit board, the method comprising:

mounting said plugs to a plurality of jacks arranged on the printed circuit board to form a two dimensional array having a pitch P, wherein each plug being mounted comprises a main body and a wire exit, each wire exit extending approximately 45 degrees from the main body, each plug comprising (a) a tubular main body of a first diameter B that is approximately 89 percent of pitch P and (b) a tubular wire exit extending from the main body, the tubular wire exit having a second diameter C that is approximately 59 percent of pitch P, whereby each plug can independently rotate by at least 90° to the left or right without interfering with adjacent plugs;

rotating in different directions, a plurality of first plugs mounted on the jacks, thereby to make room for access to a second plug; and

unplugging the second plug from a jack without affecting any of the first plugs.

22. (Original) The method of claim 21, further comprising:

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rotating a third plug so its wire exit will not interfere with a fourth plug yet
to be plugged in; and
plugging in the fourth plug.

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